

SHARP 14J1-GA OPERATION MANUAL



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HARP®

COLOUR TELEVISION

14J1-GA 21J1-GA
14J1-SA 21J1-SA
14J1-SM 21J1-SM

OPERATION MANUAL

Please read this operation manual carefully before using the colour television.

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TINS-C085WJZZ
05P11-MSF

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SAFETY PRECAUTIONS

Damage

Turn off the power and unplug the power cord from the wall outlet immediately if the TV set begins to make any unusual noises or gives off smoke or an unusual smell. Then call your dealer for service.



Unstable surface and shocks

Do not place this TV set on an unstable cart, stand, shelf, or table. The TV set may fall, causing serious injury to a child or adult, and serious damage to the set. Sharp recommends securing the TV set to a stable surface or wall to prevent the set from falling due to sudden shocks or impact.



Moisture

To prevent electrical shock, do not use the TV set in an excessively damp place.



Liquid entry

Do not place a flower vase or anything else containing liquid on the TV set, as liquid spilt on the TV set can cause electrical shock or failure.



TV Set position

Do place the TV set onto an even stand, table or rack which size is bigger than the TV set. If the TV set is put onto a smaller size or uneven stand, table or rack may cause the TV cabinet to distort. Do not put or insert anything between TV set and the stand, table or rack.



Ventilation

Do not place this TV set in a confined area, such as on a bookshelf or in a built-in case. Leave adequate space behind the TV for proper ventilation.



Servicing

To reduce the risk of electric shock, do not remove the back of the cabinet. This TV set contains dangerous voltage.



Power-cord protection

To prevent electrical shock, do not subject the AC power cord to damage by bending or twisting it, or by placing heavy items on top of it and do not place the AC power cord under the TV set. If the AC power cord becomes damaged, unplug it from the wall outlet immediately and call your dealer for service.



Water

To prevent fire or electrical shock, do not place the TV set near a bathroom, swimming pool or other area where it may become wet.



Object entry

Never insert or drop any metallic or inflammable objects into the ventilation openings of the TV set, as this can cause fire, electrical shock, or electrical failure.



Uneven surface and excessive force

Television equipment and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn.



Fire prevention

To prevent fire, never place any type of candle or naked flames on the top or near the TV set.



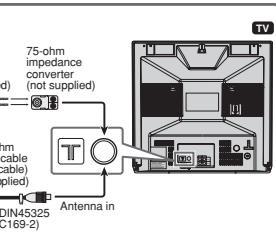
ACCESSORIES

The following accessories are included with this television.



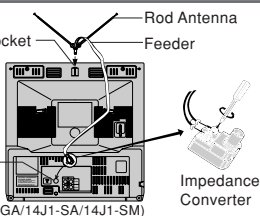
BEFORE OPERATING TELEVISION

Connecting to an antenna



If your outdoor antenna uses a 300-ohm twin-lead flat feeder, connect a 300-ohm to 75-ohm impedance converter and plug it into the antenna jack at the rear of the set.

Antenna connection



- (1) Insert the rod antenna's base post into the antenna mounting socket until it clicks into position.
 - (2) Connect the feeder to the impedance converter.
 - (3) Plug the impedance converter into the antenna jack at the rear of the set.
- Rod antenna and impedance converter are only included in model 14J1-GA/14J1-SA/14J1-SM.

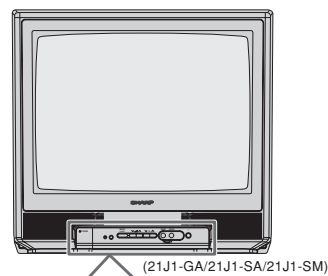
For the RF terminal connection, set the TV to channel zero to make initial adjustments for the VCR. When using a rod antenna and the signal from TV station is weak or not clear, the picture may not display clearly. In this case, we recommend that you use an outdoor antenna.

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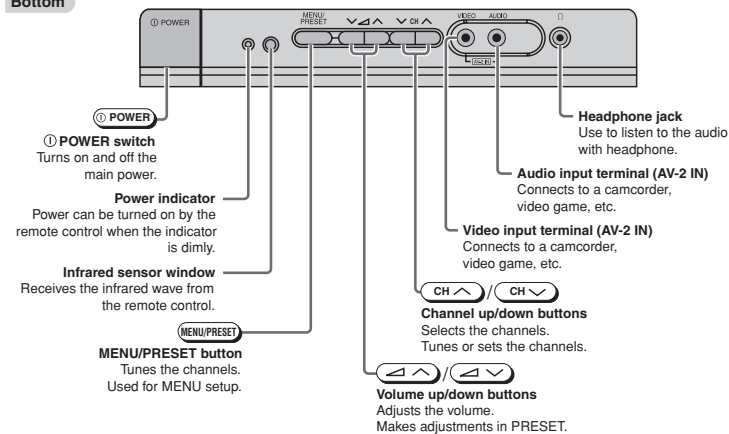
PART NAMES

TV set

This operation manual is for 14J1-GA, 14J1-SA, 14J1-SM, 21J1-GA, 21J1-SA and 21J1-SM. The illustration of 21J1-GA/21J1-SA/21J1-SM are used in this operation manual.



Bottom

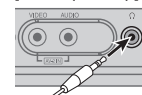


Using headphone

Insert headphone plug into headphone jack to listen to audio with headphone.

- The audio from the speakers is turned off.

[TV set (Bottom)]

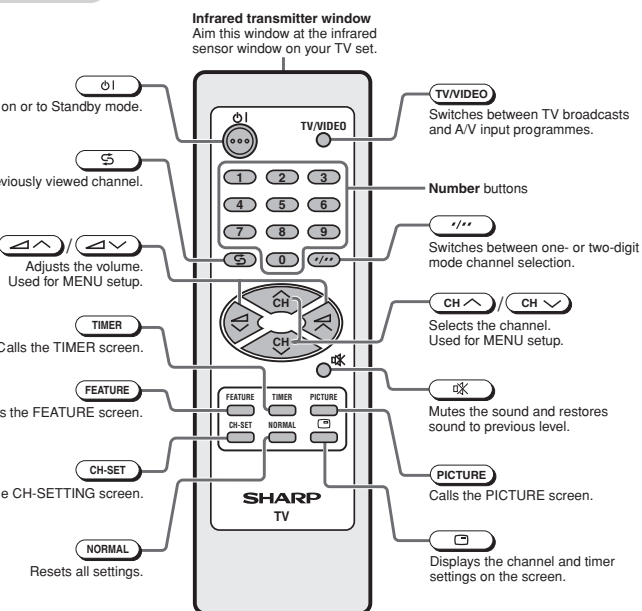


NOTE

- To avoid injuring your hearing, do not put on the headphone before plugging them into the headphone jack and before the power is turned on.

PART NAMES (Continued)

Remote control

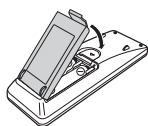
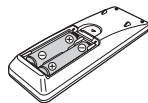
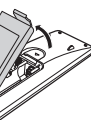


Inserting batteries in the remote control unit

your thumbnail, pull the slit to open the battery cover.

b Insert two batteries (size AA).

c Replace the battery cover.

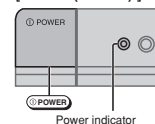


E5 BASIC OPERATION

Turn on the power

- When the power indicator is off, press **POWER**.
- When the power indicator lights up dimly, press **POWER** on the remote control. The power indicator changes to bright and a picture appears.

[TV Set (Bottom)]



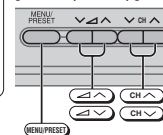
On-screen display language selection

TV set

- Press **MENU/RESET** for more than two seconds, the language select mode appears.
- Press **CH / TV** / **CH / TV** to select desired language.
- Pressing **MENU/RESET** changes the screen as shown below.
- Press **MENU/RESET** until normal screen appears.



[TV set (Bottom)]



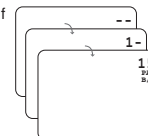
Channel selection

1 Using **CH / TV** / **CH / TV**

- Press **CH / TV** and channels change as shown below.
1 → 2 → ... → 98 → 99 → AV1 → AV2 → 0 → 1 → 2 ...
- Press **CH / TV** and channels change as shown below.
1 → 0 → AV2 → AV1 → 99 → 98 → ... → 2 → 1 → 0 ...

2 With the number buttons (on remote control)

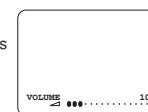
- To select a one-digit channel, such as 5, press **5**. If "5-" is indicated, press **CH / TV** to select one-digit input, and then press **5** again.
- To select a two-digit channel, such as 15, press **CH / TV** to select the two-digit input. Press **1**, and then press **5**.



Adjusting volume

1 Adjust volume using **Volume Up / Down**

- The volume bar disappears approximately three seconds after the volume has been adjusted.



NOTE

- When the power indicator lights up dimly, either **CH / TV** / **CH / TV** on the TV can be pressed to turn on the power.
- Channels that have been skipped cannot be selected by **CH / TV** / **CH / TV**.
- The AV1, AV2 input channels cannot be selected using **CH / TV** / **CH / TV** on the remote control. Use **TV/VIDEO** to select these channels.



PRESETTING CHANNELS

Channel tuning

Fully tunes in and presets receivable TV stations.

Press **CH-SET** for more than two seconds.

Press **CH-SET** again to display **AUTO** mode screen.

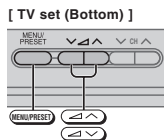
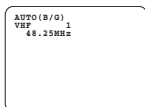
Press **CH-SET** changes the screen as shown below.

Screen → AUTO → MANUAL → Normal screen

Press **CH-SET** / **CH-SET** on TV set.

TV stations in your area that can be received by the TV set are automatically preset between channels 1 and 12.

The screen shows whatever is on channel 1 when auto channel preset is finished.



Channel tuning

Manual channel tuning to a desired TV station.

Press **CH-SET** for more than two seconds.

Press **CH-SET** twice to display **MANUAL** mode screen.

Press **CH-SET** changes the screen as shown below.

Screen → AUTO → MANUAL → Normal screen

Press **CH-SET** / **CH-SET** or number buttons to select channel position.

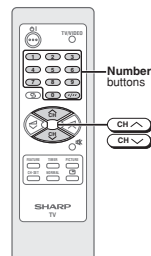
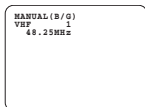
Press **CH-SET** / **CH-SET** on TV set to locate channel you wish to preset to current channel position.

Channel position.

Channel position is initiated and when a TV signal is received during the search, the search stops.

Repeat steps 3 and 4 above, to preset channel positions for other broadcasts.

Press **CH-SET** again to display normal screen.



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SETTING AND ADJUSTMENT

Channel setting

Enables individual channel setting.

1 Press **CH-SET** to call CH-SETTING screen.

2 Press **CH-SET** / **CH-SET** to select desired setting.

3 Each time you press **CH-SET** / **CH-SET**, setting for individual items changes as follows:

• POSITION

The channel position changes to the higher or lower number.

• COLOUR

→ AUTO → PAL → SECAM → N443 →

• SOUND

→ B/G → I → D/K →

• SKIP

ON → OFF

Channel numbers with a "S" mark on the left are set to SKIP. To turn off SKIP, press the number buttons to select the desired channel and then set "SKIP" to "OFF".

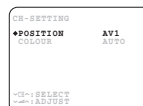
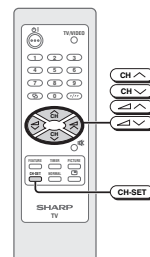
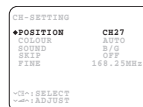
• FINE

The frequency changes to allow fine tuning.

4 Press **CH-SET** to return to normal screen.

When you select AV1, AV2 for the channel position, the CH-SETTING menu changes as shown on the right and the colour mode changes in the following order:

→ AUTO → PAL → SECAM → N443 → N358 →



NOTE

• Switching COLOUR system:

Set the system to "AUTO" for normal TV reception. The AUTO mode automatically detects the receiving signal system and changes the reception system of the TV set. When the picture is not stable, switching to an appropriate system may improve the picture quality.

• When using FINE, the channel number changes from green to yellow.



SETTING AND ADJUSTMENT (Continued)

adjustment

to call PICTURE screen.

CH / CH to select adjustment items.

using / .

approximately three seconds to return to PICTURE menu.

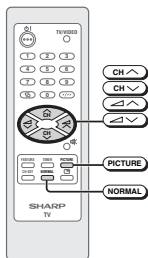
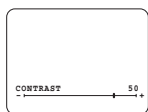
steps 2 and 3 above to adjust other items.

PICTURE to return to normal screen.

able lists the adjustment items shown in the PICTURE menu and how they press / .

Press		Press	
To decrease contrast	← +	To increase contrast	→ +
For less colour intensity	← +	For more colour intensity	→ +
For less brightness	← +	For more brightness	→ +
To move tint toward red	◀ +	To move tint toward green	▶ +
For less sharpness	← +	For more sharpness	→ +
To more reddish background	◀ +	To more bluish background	▶ +

y be selected and adjusted when receiving NTSC broadcasts. (AV only)
can only be adjusted on PICTURE menu.



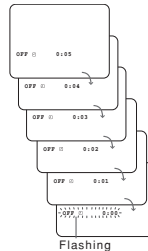
E8

TIMER SETTING

Off timer

Automatically turns power off after a set length of time has passed.

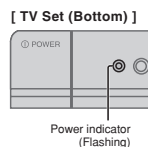
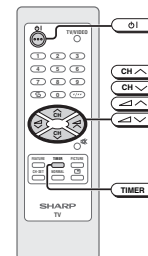
- 1 Press **TIMER** to call TIMER screen.
- 2 Press **CH** / **CH** to select "OFF".
- 3 Press **/** / **/** to set time for TV to turn off.
 - Maximum time that can be preset is 12 hours and 50 minutes. Timer start to count down after setting.
- 4 Press **TIMER** to return to normal screen.
 - Five minutes before the preset length of time expires, the remaining time appears on the screen.
 - A flashing display of the remaining time appears during the last few seconds. When the preset length of time has passed, the TV set enters the Standby mode.



On timer

Automatically turns power on after a set length of time has passed.

- 1 Press **TIMER** to call TIMER screen.
- 2 Press **CH** / **CH** to select "ON".
- 3 Press **/** / **/** to set time for TV to turn on.
 - Maximum time that can be preset is 12 hours and 50 minutes. Timer start to count down after setting.
- 4 Press **CH** / **CH** to select "POSITION".
- 5 Press **/** / **/** to set the channel.
- 6 Repeat step 4 to 5 above to select and set the "VOLUME".
- 7 Press **TIMER** to return to normal screen.
- 8 Press **PI** to put TV set into Standby mode.
 - Power indicator will flash to indicate On Timer is set.
 - When the preset length of time setting has passed, the power turns on and a picture appears on the screen.
 - The ON TIMER speaker volume gradually increases from zero to preset volume.



NOTE

- The Off timer is cancelled if the power is turned off or set to the Standby mode using **PI** on the remote control or **POWER** on the TV set, or if the power is otherwise interrupted.
- The On Timer is cancelled if the power is turned off using **POWER**.
- If the TV set is turned on by the On Timer, then the TV set will be automatically turned off in two hours if no buttons are pressed on the TV set or remote control.



TIMER SETTING (Continued)

On-screen timer

Now when a preset length of time has passed by displaying a countdown timer on the screen. This is useful for timer cooking while you watch TV.

TIMER to call **TIMER** screen.

CH / **CH** to select "X".

▲ / **▼** to set time.

um time that can be preset is 12 hours and 50

s.

nt example shows that the Reminder will be

ed after one hour and 50 minutes.

TIMER to return to normal screen.

minutes before the preset length of time expires (in

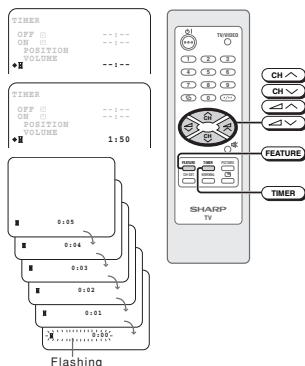
ample, after one hour and 45 minutes) and each

thereafter, the remaining time appears on the

for several seconds.

he preset length of time has passed, "0:00"

in red.



FEATURES

Screen

ally turns the screen blue if a broadcast signal is not received.

FEATURE to call **FEATURE** screen.

▲ / **▼** to select "BLUE BACK" to "ON" or "OFF".

FEATURE to return to normal screen.

BACK is set to "ON".



also works in the Standby mode. Power is automatically turned on five minutes before the preset expires. The TV set automatically returns to the Standby mode approximately 1 minute if no buttons are pressed on the TV set or remote control.

is cancelled if **(POWER)** on the TV set is pressed or if the power is otherwise interrupted.

due to weak signals and too much noise may activate BLUE BACK, despite the presence of a signal. To continue watching TV under these conditions, switch "BLUE BACK" to "OFF".

er is set, the OFF TIMER setting has priority over BLUE BACK.

E10

USEFUL FEATURES

Channel / Timer display

Displays the current channel number, the timer, and other settings on the screen.

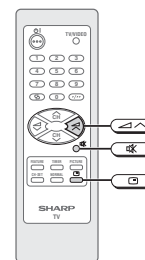
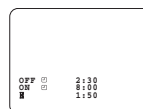
1 Press **CH**.

• The time remaining on the Off timer, On timer, and Reminder appears on the screen.

• When no timer is set, the channel number, colour and sound system appear on the screen.

• Press **CH** again to clear these current settings display on the screen.

2 Press **CH** again, the channel number, colour and sound system appear on the screen.



Mute

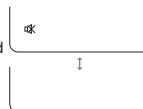
Silences the sound.

1 Press **MUTE**.

• Press **MUTE**, "MUTE" appears on the screen, and the sound is silenced.

2 Press **MUTE**, the volume returns to its previous level.

• Mute will be cancelled if the **▲** is pressed at any time.







TROUBLESHOOTING

Not all problems do not always indicate a hardware failure. Therefore, please use the troubleshooting guide below before calling for repair service.
Following the guide none of the remedies work, unplug the TV set and call for service.

Check List	Problems											
	Remote control does not work.	Bare on screen.	Picture distorted.	Picture rolls vertically.	No colour.	Poor reception on some channels.	Picture weak.	Picture lines or streaks.	Picture ghosting.	Picture blurred.	Sound OK, picture poor.	Picture OK, sound poor.
Change channel to check for possible station			●	●	●	●	●	●	●	●	●	●
TV set plugged in. Power OFF.	●											●
Check switch of TV not ON.	●											●
TV set connected to terminal at the back set.					●	●	●		●		●	●
Antenna is used, check for broken		●	●	●	●	●	●	●	●	●	●	●
Local interference.		●		●		●		●	●		●	●
Pressing the POWER switch, Turn ON again after a minute.	●											●
Check REMOTE control.					●		●				●	
Check batteries in the remote control.	●											
TV set not working to correct.			●		●		●			●	●	
TV set not working in picture mode might be all the minus side. Press the button on the remote control to											●	●
Check the volume.											●	●

TV set is equipped with a microprocessor. Its performance could be adversely affected by external magnetic field or interference. If this should happen, unplug the unit and plug it in again after a few minutes.

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SPECIFICATIONS

MODEL	14J1-GA/14J1-SA/14J1-SM	21J1-GA/21J1-SA/21J1-SM
Receiving System	World multi 18 system	
TV Broadcasts/ VCR Playback	PAL-I PAL-B/G PAL-D/K	SECAM-B/G SECAM D/K, K1
VCR Playback	NTSC 4.43/5.5 MHz/60 Hz NTSC 4.43/6.0 MHz/60 Hz NTSC 4.43/6.5 MHz/60 Hz NTSC 4.43/5.5 MHz/50 Hz NTSC 4.43/6.0 MHz/50 Hz NTSC 4.43/6.5 MHz/50 Hz SECAM-I (6.0 MHz)	
VCR Playback (Using Video-in terminals)	SECAM-L (French SECAM) PAL 60 Hz NTSC 3.58 MHz	
Laserdisc Player Playback (Using RF-in terminals)	PAL 5.5 MHz/60 Hz PAL 6.0 MHz/60 Hz PAL 6.5 MHz/60 Hz	
Reception Channels		
PAL-B/G SECAM-B/G	VHF	E2-E12 ch
	UHF	E21-E69 ch
PAL-D/K SECAM-D/K, K1	VHF	C1-C12 ch, R1-R12 ch
	UHF	C13-C57 ch, R21-R69 ch
PAL-I	VHF	B-J ch
	UHF	21-69 ch (Hong Kong)
CATV	S1-S20 ch, S21-S41 ch (Hyper)	
Receiving Frequency	48.25 MHz - 863.25 MHz	
Channel Tuning	100-Channel Electronic Tuner with Full Auto Tuning System	
Picture Tube	14-Inch Tinted (36 cm / 34 cm viewable screen size)	21-Inch Tinted (53 cm / 51 cm viewable screen size)
Terminals	Audio/video input x 2 (front x 1, rear x 1), Audio/video output x 1 (rear), Headphone jack x 1 (front)	
Sound Output	3 W (RMS) x 1	
Power Source	AC 110 - 240V, 50/60 Hz	
Power Consumption	65 W	79 W
Dimensions	357 (W) x 363 (H) x 370 (D) mm	499 (W) x 478 (H) x 478 (D) mm
Weight	9.0 kg (Approx.)	20 kg (Approx.)

NOTE

- Design and specifications are subject to change without notice.
- Receiving system: These receiving systems, encompassing all currently available technology, include those with planned broadcast, videotape and laserdisc hardware and software.

SHARP
SHARP CORPORATION



Other ManualsLib Projects

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